

SOUTH COAST ACMD CLERK OF THE BOARDS

CN: 15279

January 22, 2016

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Ms. Cher Snyder
Assistant Deputy Executive Officer
Office of Engineering and Compliance
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

PROJECT: EXIDE TECHNOLOGIES FACILITY ID NO. 124868,

ORDER OF ABATEMENT CASE NO. 3151-32

RE: WEEKLY STATUS REPORT # 70 (1/7/16 – 1/13/16)

Dear Ms. Snyder,

Tetra Tech Inc. is pleased to present the following Weekly Status Report for the above referenced project. This report covers the period of January 7, 2016 through January 13, 2016.

<u>CURRENT ACTIVITIES WHERE PREVIOUSLY APPROVED MITIGATION</u> MEASURES WERE FULLY IMPLEMENTED

Major items of work performed by Exide and/or its contractor(s) (including specific mitigation measures) during this reporting period where mitigation measures were observed to be implemented in full compliance with the previously approved mitigation measures under the Mitigation Plan for RCRA RFI Sampling, and Other Plant Activities or other Mitigation Plans, as approved by the SCAQMD, at the site during this period include:

| TASK ID | Major Work Item | Mitigation Measure(s) | | |
|------------|---|---|--|--|
| EX83/4 | RCRA RFI Soil Sampling | Temporary Enclosure Under Negative Pressure | | |
| EX107 | Install Risers on Stormwater Sensor Covers | Pre-cleaning and Wet Methods | | |
| EX109 | Secure Hi-Vol Propane Tanks | Temporary Enclosure Under Negative Pressure* | | |
| EX 113 | Repair Caustic Pipe | Pre-cleaning and Wet Methods* | | |

^{*} Dust Trak monitoring performed for this work item.

RCRA RFI Soil Sampling

No work occurred related to the RCRA RFI Soil Sampling. RCRA RFI Soil Sampling activities on the Exide property will continue once a revised scope of work to address changed field conditions is developed and approved by the regulatory agencies.

Install Risers on Stormwater Sensor Covers

No work occurred related to the installation of risers on the storm water manhole sensor covers. Exide personnel had previously installed the first riser and completed testing the riser to ensure that the repair method is appropriate. Additional risers are being manufactured offsite, and installation activities will resume once fabrication is complete.

Secure Hi-Vol Propane Tanks

On Thursday, January 7, 2016 and Friday, January 8, 2016, Castlerock maintained temporary enclosures over the propane tanks located at each of the Hi-Vol fence line monitoring locations around the perimeter of the plant. Advanced Construction completed work to install the foundations for the seismic restraints on the propane tanks. These activities included forming and pouring new concrete slabs at each of the locations. The repair activities completed to date have been in accordance with the approved mitigation plan. The concrete was allowed to cure for the remaining portion of the reporting period and work will continue in the next reporting period.

Verification activities included:

- Periodic visual inspection of the temporary enclosure to confirm that no visible leaks or tears were present, that the structural integrity of the enclosure was maintained and that it was under negative pressure and vented to a SCAQMD permitted HEPA filtration system. Any noted areas where seams needed to be re-taped were repaired by Castlerock prior to resuming work within the enclosure. Seams that needed re-taping were identified during the periodic inspection by Tetra Tech personnel or when a drop in negative pressure was noted. Any observed conditions requiring repair were addressed immediately.
- Downwind Dust Trak monitoring of the repair areas when activities were conducted, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with securing the Hi-Vol Propane Tanks was generating fugitive dust emissions.

Repair Caustic Pipe

On Friday, January 8, 2016, Advanced Construction completed repair work on a leaking caustic pipeline. These activities included removing insulation, plugging the leak and installing a compression fitting to secure the plug. No hot work was required to complete the repair activities. The repair activities were completed in accordance with the approved mitigation plan.

Verification activities included:

 Downwind Dust Trak monitoring of the repair areas when activities were conducted, to monitor for fugitive dust emissions. Review of Dust Trak data did not indicate that work associated with securing repair of the caustic pipe was generating fugitive dust emissions.

CURRENT ACTIVITIES WHERE A DEVIATION FROM PREVIOUSLY APPROVED MITIGATION MEASURES WERE OBSERVED AND THE CORRECTIVE ACTIONS TAKEN

Major items of work performed by Exide and/or its contractor(s) (including specific mitigation measures) currently under way or completed during this reporting period where for each of the activities described below, mitigation measures were implemented which to some extent deviated from the previously approved mitigation measures under the Mitigation Plan for RCRA RFI Sampling, and Other Plant Activities or other Mitigation Plans, as approved by the SCAQMD:

| TASK ID | Major Work Item | Deviation(s) | CORRECTIVE ACTION |
|---------|--------------------|--------------|----------------------|
| | | None | |

In general accordance with the Order for Abatement Case No. 3151-32 Findings and Decision, air monitoring, if required, was conducted during a portion of all repair work performed within the temporary enclosures on a daily basis. If the results of continuous Dust Trak air monitoring detected excessive dust, additional suppression activities are required to be implemented. For this reporting period, Dust Trak monitoring did not detect excessive dust being generated from repair activities.

| Activity Which Resulted in Excessive Dust | Additional Suppression Activity |
|---|---------------------------------|
| None | None |

ACTUAL vs. FORECAST PROGRESS:

Exide Technologies submitted a schedule which outlines the tasks needed to be completed in response to this abatement order. The attached Gant Chart shows scheduled progress for all activities planned for the upcoming two week period. The following table shows the status of these activities.

| TASK | STATUS |
|------|--------|
| None | None |

WORK SCHEDULED DURING THE UPCOMING PERIOD:

The following activities are anticipated for the upcoming weeks:

| Week | Anticipated Activities |
|-------------------|--|
| Jan. 14 – Jan. 20 | Install Riser on Stormwater Sensor Covers Continues Secure Hi-Vol Propane Tanks Completes |

| Week | Anticipated Activities |
|-------------------|---|
| Jan. 21 - Jan. 27 | Install Riser on Stormwater Sensor Covers Continues |

KEY MILESTONES:

The following key milestones were achieved during this reporting period:

o Repair Caustic Pipe:

COMPLETE

WORKER SAFETY CONCERNS:

The following Health and Safety issues, as they apply to Tetra Tech employees, were observed during this reporting period:

o None.

POTENTIAL CHANGES AND ACTION ITEMS REQUIRING RESOLUTION:

The following items require resolution:

None at this time.

SUMMARY:

The summary provided herein covers the activities for the period of January 7, 2016 through January 13, 2016. Please note that no Mitigation Plan related activities took place on Monday, January 11, 2016, Tuesday, January 12, 2016, and Wednesday, January 13, 2016. However, Tetra Tech was on-site on Monday January 11, 2016 and Wednesday January 13, 2016 until Exide personnel confirmed that the scheduled work had been postponed. Please find attached a copy of Exide's upcoming two weeks schedule and site map identifying the location of the activities on the upcoming two weeks schedule.

Should you have questions regarding this report, or require additional information, please contact me at your earliest convenience.

Sincerely,

Nick Somogyi Project Engineer

ATTACHMENTS: Gant Chart Schedule Site Map Field Monitoring Data

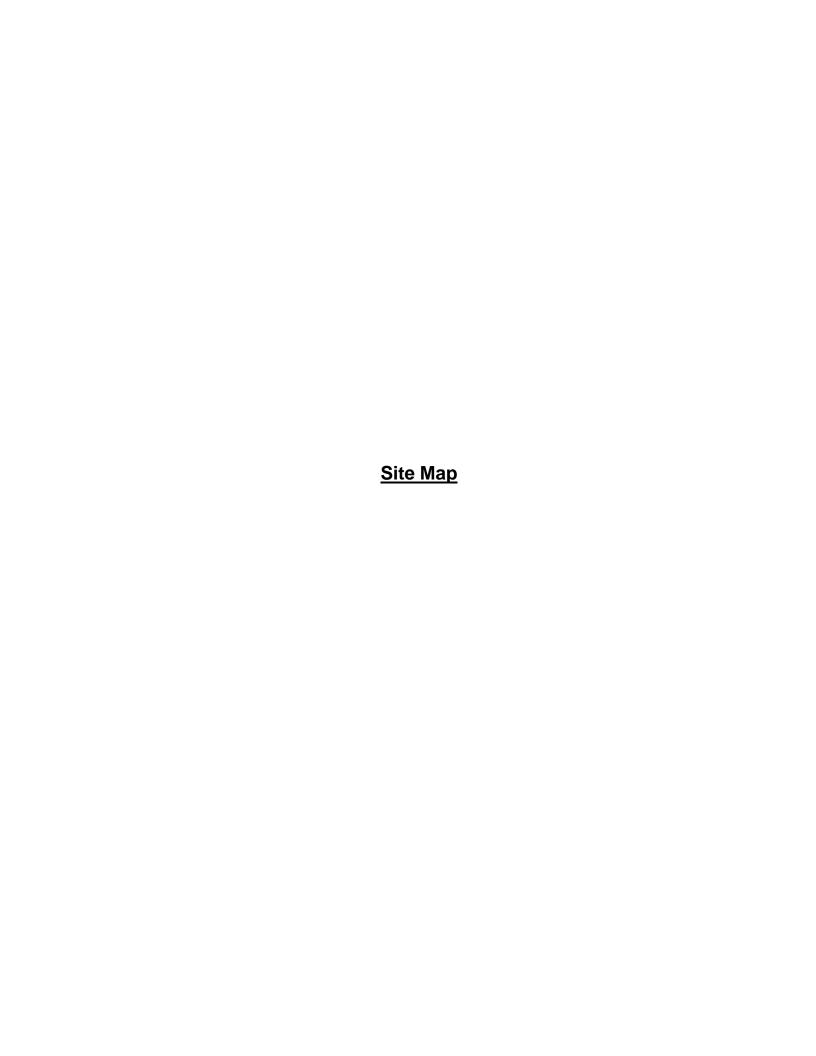


Project Schedule Week of 01/07/16 – 01/27/16

Rev: 01/14/2016

| | DE° | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------|---|------------------------|----------|------------|----------|-----|------|-----|-------|---|------|----|---------|----------|------|------|----|--------|--------|----|----|------|-------|----|
| TECHN | Recycling Div | ision, Vernon, CA | | | | | 1/9/ | 201 | 5 | ┖ | | 0. | 1/16/10 | <u> </u> | | ╙ | | 01 | /23/1 | 6 | | Т | | 01 |
| Mitigation Plan | Task Name | Plant Location | Duration | Start Date | Finish | % | | | | | | | | | | | | | | | | | | |
| Risks | lask Maille | Pidiit Location | Duration | Start Date | Date | /0 | 07 | 08 | 09 10 | 1 | 1 12 | 13 | 14 | 15 | 16 1 | 7 18 | 19 | 20 | 21 | 22 | 23 | 24 2 | 25 26 | 27 |
| Ex 72 | Cleaning of Assorted Materials in Total Enclosure | Total Enclosure | 497 days | 11/20/14 | 3/31/16 | 80% | | | | | | | | | | | | | | | | | | _ |
| Ex 76 | Various Work Methods in Total Enclosure | Total Enclosure | 496 days | 11/21/14 | 3/31/16 | 80% | | | | | | | | | | | | •••••• | •••••• | | | | | |
| 4 | RCRA RFI Soil Sampling | General | 407 days | 2/18/15 | 3/31/16 | 97% | | | | | | | | | | | | •••••• | •••••• | | | | | |
| Ex 83 | RFI Soil Sampling Supplemental | General | 407 days | 02/18/15 | 3/31/16 | 97% | | | | | | | | | | | | | | | | | | |
| Ex 107 | Install Riser on Storm Water Sensor Covers | General | 30 days | 12/01/15 | 01/29/16 | 1% | | | | | | | | | | | | | | | | | | |
| Ex 109 | Secure HiVol Propane Tanks | General | 15 days | 01/04/16 | 01/22/16 | 27% | | | | | | | | | | | | | | | | | | |
| Ex 113 | Repairing Caustic Pipe | Caustic Tank (see map) | 2 days | 1/8/16 | 01/13/16 | 25% | | | | | | | | | | | | | | | | | | |

Numbering system correlates with Mitigation plan document. Ex refers to additional work part of Sec. 6b in the Mitigation plan document.





Mitigation Project Map Layout Week 01/07/16 - 01/27/16 Rev: 01/14/16

4. RCRA RFI Soil Sampling Ex 83. RFI Soil Sampling Supplemental

Ex 83. RFI Soil Sampling Supplemental

Ex 72. Cleaning of Assorted Materials in Total Encl.

Ex 76. Various Work Methods in Total Enclosure

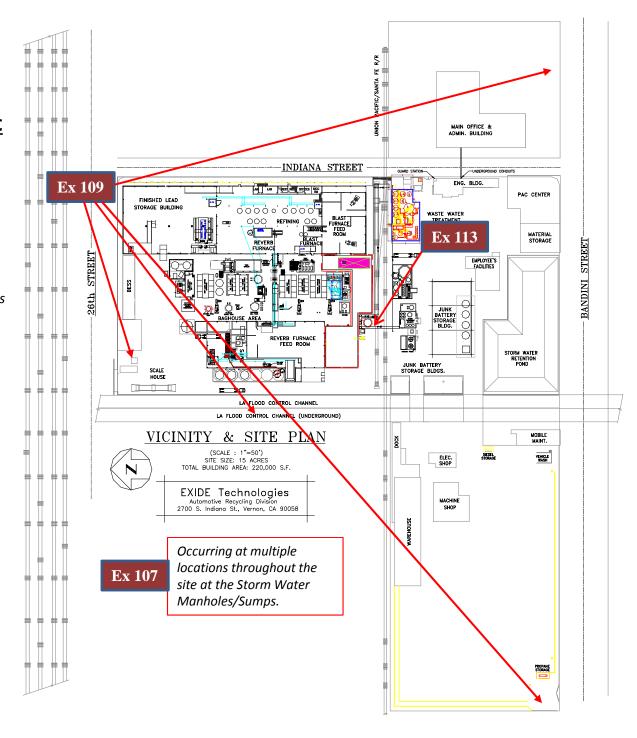
Ex 107. Install Risers on Storm Water Sensor Covers

Ex 109. Secure Hi-Vol Propane Tanks

Ex 113 Repair Caustic Pipe

Numbering system correlates with Mitigation plan document. Ex refers to additional work part of Sec. 6b in the Mitigation plan document.

Mitigation Schedule and Map 01/11/16.pptx



Monitoring Results / Reports (Thursday, January 7, 2016)

| ACTIVITY | SERIAL NUMBER | LOCATION |
|--|---------------|----------|
| EX-109 Secure Hi-Vol Propane Tanks (OSN) | 8533141005 | Downwind |
| EX-109 Secure Hi-Vol Propane Tanks (SE) | 8533113401 | Downwind |



Exide Technologies 2700 Indiana Street Vernon, CA 90058

1/7/2016 EX-109

Test 019

| Inst | rument | Data Properties | | | | |
|----------------|--------------|------------------|-------------|--|--|--|
| Model | DustTrak DRX | Start Date | 01/07/2016 | | | |
| Instrument S/N | 8533141005 | Start Time | 08:47:05 | | | |
| | | Stop Date | 01/07/2016 | | | |
| | | Stop Time | 13:47:05 | | | |
| | | Total Time | 0:05:00:00 | | | |
| | | Logging Interval | 300 seconds | | | |

| | Test Data | | | | | | | | |
|---------------|------------|----------|---------------|-----------------|----------------|----------------|-----------------|--|--|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 | | |
| 1 | 01/07/2016 | 08:52:05 | 0.010 | 0.011 | 0.011 | 0.011 | 0.011 | | |
| 2 | 01/07/2016 | 08:57:05 | 0.010 | 0.011 | 0.011 | 0.011 | 0.012 | | |
| 3 | 01/07/2016 | 09:02:05 | 0.010 | 0.010 | 0.010 | 0.010 | 0.011 | | |
| 4 | 01/07/2016 | 09:07:05 | 0.010 | 0.010 | 0.010 | 0.011 | 0.011 | | |
| 5 | 01/07/2016 | 09:12:05 | 0.009 | 0.009 | 0.009 | 0.009 | 0.010 | | |
| 6 | 01/07/2016 | 09:17:05 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | | |
| 7 | 01/07/2016 | 09:22:05 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | | |
| 8 | 01/07/2016 | 09:27:05 | 0.012 | 0.012 | 0.012 | 0.012 | 0.012 | | |
| 9 | 01/07/2016 | 09:32:05 | 0.009 | 0.009 | 0.009 | 0.010 | 0.010 | | |
| 10 | 01/07/2016 | 09:37:05 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 | | |
| 11 | 01/07/2016 | 09:42:05 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 | | |
| 12 | 01/07/2016 | 09:47:05 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 | | |
| 13 | 01/07/2016 | 09:52:05 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | | |
| 14 | 01/07/2016 | 09:57:05 | 0.010 | 0.010 | 0.010 | 0.011 | 0.011 | | |
| 15 | 01/07/2016 | 10:02:05 | 0.009 | 0.009 | 0.009 | 0.009 | 0.009 | | |
| 16 | 01/07/2016 | 10:07:05 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 | | |
| 17 | 01/07/2016 | 10:12:05 | 0.005 | 0.006 | 0.006 | 0.006 | 0.006 | | |
| 18 | 01/07/2016 | 10:17:05 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 | | |
| 19 | 01/07/2016 | 10:22:05 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 | | |
| 20 | 01/07/2016 | 10:27:05 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 | | |
| 21 | 01/07/2016 | 10:32:05 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 | | |
| 22 | 01/07/2016 | 10:37:05 | 0.009 | 0.009 | 0.009 | 0.009 | 0.009 | | |
| 23 | 01/07/2016 | 10:42:05 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 | | |
| 24 | 01/07/2016 | 10:47:05 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | | |
| 25 | 01/07/2016 | 10:52:05 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | | |
| 26 | 01/07/2016 | 10:57:05 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 | | |
| 27 | 01/07/2016 | 11:02:05 | 0.004 | 0.005 | 0.005 | 0.005 | 0.005 | | |
| 28 | 01/07/2016 | 11:07:05 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 | | |
| 29 | 01/07/2016 | 11:12:05 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 | | |
| 30 | 01/07/2016 | 11:17:05 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 | | |
| 31 | 01/07/2016 | 11:22:05 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 | | |
| 32 | 01/07/2016 | 11:27:05 | 0.008 | 0.008 | 0.009 | 0.009 | 0.009 | | |
| 33 | 01/07/2016 | 11:32:05 | 0.010 | 0.010 | 0.011 | 0.011 | 0.011 | | |
| 34 | 01/07/2016 | 11:37:05 | 0.006 | 0.006 | 0.007 | 0.007 | 0.007 | | |
| 35 | 01/07/2016 | 11:42:05 | 0.003 | 0.003 | 0.003 | 0.004 | 0.004 | | |

| | Test Data | | | | | | | | |
|---------------|------------|----------|---------------|-----------------|----------------|----------------|-----------------|--|--|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 | | |
| 36 | 01/07/2016 | 11:47:05 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | | |
| 37 | 01/07/2016 | 11:52:05 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 | | |
| 38 | 01/07/2016 | 11:57:05 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 | | |
| 39 | 01/07/2016 | 12:02:05 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 | | |
| 40 | 01/07/2016 | 12:07:05 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | | |
| 41 | 01/07/2016 | 12:12:05 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | | |
| 42 | 01/07/2016 | 12:17:05 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | | |
| 43 | 01/07/2016 | 12:22:05 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 | | |
| 44 | 01/07/2016 | 12:27:05 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 | | |
| 45 | 01/07/2016 | 12:32:05 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 | | |
| 46 | 01/07/2016 | 12:37:05 | 0.003 | 0.003 | 0.003 | 0.003 | 0.004 | | |
| 47 | 01/07/2016 | 12:42:05 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | | |
| 48 | 01/07/2016 | 12:47:05 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | | |
| 49 | 01/07/2016 | 12:52:05 | 0.005 | 0.006 | 0.006 | 0.006 | 0.006 | | |
| 50 | 01/07/2016 | 12:57:05 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 | | |
| 51 | 01/07/2016 | 13:02:05 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | | |
| 52 | 01/07/2016 | 13:07:05 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | | |
| 53 | 01/07/2016 | 13:12:05 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 | | |
| 54 | 01/07/2016 | 13:17:05 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | | |
| 55 | 01/07/2016 | 13:22:05 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | | |
| 56 | 01/07/2016 | 13:27:05 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 | | |
| 57 | 01/07/2016 | 13:32:05 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | | |
| 58 | 01/07/2016 | 13:37:05 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 | | |
| 59 | 01/07/2016 | 13:42:05 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 | | |
| 60 | 01/07/2016 | 13:47:05 | 0.008 | 0.009 | 0.009 | 0.009 | 0.009 | | |

Test 020

| Inst | rument | Data Properties | | | | |
|----------------|--------------|------------------|-------------|--|--|--|
| Model | DustTrak DRX | Start Date | 01/07/2016 | | | |
| Instrument S/N | 8533141005 | Start Time | 13:52:15 | | | |
| | | Stop Date | 01/07/2016 | | | |
| | | Stop Time | 14:47:15 | | | |
| | | Total Time | 0:00:55:00 | | | |
| | | Logging Interval | 300 seconds | | | |

| | Test Data | | | | | | | |
|---------------|------------|----------|---------------|-----------------|----------------|----------------|-----------------|--|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 | |
| 1 | 01/07/2016 | 13:57:15 | 0.006 | 0.008 | 0.010 | 0.013 | 0.015 | |
| 2 | 01/07/2016 | 14:02:15 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 | |
| 3 | 01/07/2016 | 14:07:15 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 | |
| 4 | 01/07/2016 | 14:12:15 | 0.002 | 0.003 | 0.003 | 0.003 | 0.004 | |
| 5 | 01/07/2016 | 14:17:15 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | |
| 6 | 01/07/2016 | 14:22:15 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | |
| 7 | 01/07/2016 | 14:27:15 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 | |
| 8 | 01/07/2016 | 14:32:15 | 0.004 | 0.004 | 0.005 | 0.005 | 0.005 | |
| 9 | 01/07/2016 | 14:37:15 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 | |
| 10 | 01/07/2016 | 14:42:15 | 0.002 | 0.002 | 0.002 | 0.003 | 0.003 | |
| 11 | 01/07/2016 | 14:47:15 | 0.002 | 0.002 | 0.002 | 0.002 | 0.002 | |

Test 021

| Instr | ument | Data Properties | | |
|----------------|--------------|------------------|-------------|--|
| Model | DustTrak DRX | Start Date | 01/07/2016 | |
| Instrument S/N | 8533113401 | Start Time | 08:15:42 | |
| | | Stop Date | 01/07/2016 | |
| | | Stop Time | 14:25:42 | |
| | | Total Time | 0:06:10:00 | |
| | | Logging Interval | 300 seconds | |

| | | | | Test Data | | | |
|---------------|------------|----------|---------------|-----------------|----------------|----------------|-----------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 1 | 01/07/2016 | 08:20:42 | 0.016 | 0.016 | 0.016 | 0.016 | 0.016 |
| 2 | 01/07/2016 | 08:25:42 | 0.013 | 0.013 | 0.013 | 0.013 | 0.013 |
| 3 | 01/07/2016 | 08:30:42 | 0.014 | 0.015 | 0.015 | 0.015 | 0.015 |
| 4 | 01/07/2016 | 08:35:42 | 0.011 | 0.011 | 0.011 | 0.011 | 0.011 |
| 5 | 01/07/2016 | 08:40:42 | 0.010 | 0.011 | 0.011 | 0.011 | 0.011 |
| 6 | 01/07/2016 | 08:45:42 | 0.009 | 0.010 | 0.010 | 0.010 | 0.010 |
| 7 | 01/07/2016 | 08:50:42 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 |
| 8 | 01/07/2016 | 08:55:42 | 0.009 | 0.010 | 0.010 | 0.010 | 0.010 |
| 9 | 01/07/2016 | 09:00:42 | 0.012 | 0.012 | 0.012 | 0.012 | 0.012 |
| 10 | 01/07/2016 | 09:05:42 | 0.011 | 0.011 | 0.011 | 0.011 | 0.011 |
| 11 | 01/07/2016 | 09:10:42 | 0.009 | 0.010 | 0.010 | 0.010 | 0.010 |
| 12 | 01/07/2016 | 09:15:42 | 0.009 | 0.010 | 0.010 | 0.010 | 0.010 |
| 13 | 01/07/2016 | 09:20:42 | 0.009 | 0.009 | 0.009 | 0.009 | 0.010 |
| 14 | 01/07/2016 | 09:25:42 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 15 | 01/07/2016 | 09:30:42 | 0.009 | 0.010 | 0.010 | 0.010 | 0.010 |
| 16 | 01/07/2016 | 09:35:42 | 0.009 | 0.009 | 0.009 | 0.009 | 0.009 |
| 17 | 01/07/2016 | 09:40:42 | 0.009 | 0.009 | 0.009 | 0.009 | 0.009 |
| 18 | 01/07/2016 | 09:45:42 | 0.009 | 0.009 | 0.009 | 0.010 | 0.010 |
| 19 | 01/07/2016 | 09:50:42 | 0.011 | 0.011 | 0.011 | 0.011 | 0.011 |
| 20 | 01/07/2016 | 09:55:42 | 0.021 | 0.021 | 0.022 | 0.022 | 0.022 |
| 21 | 01/07/2016 | 10:00:42 | 0.014 | 0.014 | 0.014 | 0.014 | 0.014 |
| 22 | 01/07/2016 | 10:05:42 | 0.012 | 0.012 | 0.013 | 0.013 | 0.013 |
| 23 | 01/07/2016 | 10:10:42 | 0.008 | 0.009 | 0.009 | 0.009 | 0.009 |
| 24 | 01/07/2016 | 10:15:42 | 0.008 | 0.008 | 0.009 | 0.009 | 0.009 |
| 25 | 01/07/2016 | 10:20:42 | 0.009 | 0.009 | 0.009 | 0.009 | 0.009 |
| 26 | 01/07/2016 | 10:25:42 | 0.012 | 0.012 | 0.012 | 0.012 | 0.012 |
| 27 | 01/07/2016 | 10:30:42 | 0.014 | 0.014 | 0.014 | 0.014 | 0.014 |
| 28 | 01/07/2016 | 10:35:42 | 0.014 | 0.015 | 0.015 | 0.015 | 0.015 |
| 29 | 01/07/2016 | 10:40:42 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 30 | 01/07/2016 | 10:45:42 | 0.005 | 0.005 | 0.006 | 0.006 | 0.006 |
| 31 | 01/07/2016 | 10:50:42 | 0.004 | 0.005 | 0.005 | 0.005 | 0.005 |
| 32 | 01/07/2016 | 10:55:42 | 0.004 | 0.005 | 0.005 | 0.005 | 0.005 |
| 33 | 01/07/2016 | 11:00:42 | 0.004 | 0.004 | 0.004 | 0.005 | 0.005 |
| 34 | 01/07/2016 | 11:05:42 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 35 | 01/07/2016 | 11:10:42 | 0.003 | 0.004 | 0.004 | 0.004 | 0.004 |

| | | | | Test Data | | | |
|---------------|------------|----------|---------------|-----------------|----------------|----------------|-----------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 36 | 01/07/2016 | 11:15:42 | 0.003 | 0.003 | 0.004 | 0.004 | 0.004 |
| 37 | 01/07/2016 | 11:20:42 | 0.004 | 0.004 | 0.004 | 0.004 | 0.004 |
| 38 | 01/07/2016 | 11:25:42 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 39 | 01/07/2016 | 11:30:42 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 40 | 01/07/2016 | 11:35:42 | 0.005 | 0.005 | 0.005 | 0.006 | 0.006 |
| 41 | 01/07/2016 | 11:40:42 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 42 | 01/07/2016 | 11:45:42 | 0.004 | 0.005 | 0.005 | 0.005 | 0.005 |
| 43 | 01/07/2016 | 11:50:42 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 44 | 01/07/2016 | 11:55:42 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 45 | 01/07/2016 | 12:00:42 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 46 | 01/07/2016 | 12:05:42 | 0.006 | 0.006 | 0.006 | 0.006 | 0.006 |
| 47 | 01/07/2016 | 12:10:42 | 0.005 | 0.005 | 0.006 | 0.006 | 0.006 |
| 48 | 01/07/2016 | 12:15:42 | 0.016 | 0.017 | 0.017 | 0.017 | 0.017 |
| 49 | 01/07/2016 | 12:20:42 | 0.006 | 0.006 | 0.006 | 0.007 | 0.007 |
| 50 | 01/07/2016 | 12:25:42 | 0.009 | 0.010 | 0.010 | 0.010 | 0.010 |
| 51 | 01/07/2016 | 12:30:42 | 0.004 | 0.005 | 0.005 | 0.005 | 0.005 |
| 52 | 01/07/2016 | 12:35:42 | 0.006 | 0.007 | 0.007 | 0.007 | 0.007 |
| 53 | 01/07/2016 | 12:40:42 | 0.007 | 0.007 | 0.007 | 0.007 | 0.007 |
| 54 | 01/07/2016 | 12:45:42 | 0.009 | 0.009 | 0.010 | 0.010 | 0.010 |
| 55 | 01/07/2016 | 12:50:42 | 0.008 | 0.008 | 0.009 | 0.009 | 0.009 |
| 56 | 01/07/2016 | 12:55:42 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 57 | 01/07/2016 | 13:00:42 | 0.005 | 0.006 | 0.006 | 0.006 | 0.006 |
| 58 | 01/07/2016 | 13:05:42 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 59 | 01/07/2016 | 13:10:42 | 0.005 | 0.005 | 0.005 | 0.006 | 0.006 |
| 60 | 01/07/2016 | 13:15:42 | 0.005 | 0.005 | 0.005 | 0.005 | 0.005 |
| 61 | 01/07/2016 | 13:20:42 | 0.010 | 0.010 | 0.010 | 0.010 | 0.010 |
| 62 | 01/07/2016 | 13:25:42 | 0.007 | 0.007 | 0.007 | 0.007 | 0.008 |
| 63 | 01/07/2016 | 13:30:42 | 0.008 | 0.008 | 0.009 | 0.009 | 0.009 |
| 64 | 01/07/2016 | 13:35:42 | 0.007 | 0.007 | 0.008 | 0.008 | 0.008 |
| 65 | 01/07/2016 | 13:40:42 | 0.006 | 0.006 | 0.007 | 0.007 | 0.007 |
| 66 | 01/07/2016 | 13:45:42 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 67 | 01/07/2016 | 13:50:42 | 0.008 | 0.008 | 0.008 | 0.008 | 0.008 |
| 68 | 01/07/2016 | 13:55:42 | 0.008 | 0.009 | 0.009 | 0.009 | 0.009 |
| 69 | 01/07/2016 | 14:00:42 | 0.006 | 0.007 | 0.007 | 0.007 | 0.007 |
| 70 | 01/07/2016 | 14:05:42 | 0.007 | 0.007 | 0.007 | 0.008 | 0.008 |
| 71 | 01/07/2016 | 14:10:42 | 0.007 | 0.008 | 0.008 | 0.008 | 0.008 |
| 72 | 01/07/2016 | 14:15:42 | 0.006 | 0.007 | 0.007 | 0.007 | 0.007 |
| 73 | 01/07/2016 | 14:20:42 | 0.008 | 0.008 | 0.008 | 0.009 | 0.009 |
| 74 | 01/07/2016 | 14:25:42 | 0.008 | 0.009 | 0.009 | 0.009 | 0.009 |

Monitoring Results / Reports (Friday, January 8, 2016)

| ACTIVITY | SERIAL NUMBER | LOCATION |
|---|---------------|----------|
| EX-109 Secure Hi-Vol Propane Tanks (SE) | 8533141005 | Downwind |
| EX-109 Secure Hi-Vol Propane Tanks (SE) | 8533141005 | Downwind |
| EX-113 Repair Caustic Pipe | 8533141005 | Downwind |



Exide Technologies 2700 Indiana Street Vernon, CA 90058

1/8/2016 EX-109 & EX-113

Test 021

| Instr | ument | Data Properties | | |
|----------------|--------------|------------------|-------------|--|
| Model | DustTrak DRX | Start Date | 01/08/2016 | |
| Instrument S/N | 8533141005 | Start Time | 08:18:45 | |
| | | Stop Date | 01/08/2016 | |
| | | Stop Time | 11:13:45 | |
| | | Total Time | 0:02:55:00 | |
| | | Logging Interval | 300 seconds | |

| | | | | Test Data | | | |
|------------|------------|----------|-----------------------|--------------|------------------------|-------------|--------------|
| Data Point | Date | Time | PM1 mg/m ³ | PM2.5 mg/m^3 | RESP mg/m ³ | PM10 mg/m^3 | TOTAL mg/m^3 |
| 1 | 01/08/2016 | 08:23:45 | 0.017 | 0.018 | 0.018 | 0.018 | 0.020 |
| 2 | 01/08/2016 | 08:28:45 | 0.018 | 0.019 | 0.019 | 0.019 | 0.019 |
| 3 | 01/08/2016 | 08:33:45 | 0.019 | 0.019 | 0.019 | 0.020 | 0.020 |
| 4 | 01/08/2016 | 08:38:45 | 0.022 | 0.022 | 0.022 | 0.023 | 0.023 |
| 5 | 01/08/2016 | 08:43:45 | 0.026 | 0.026 | 0.027 | 0.027 | 0.027 |
| 6 | 01/08/2016 | 08:48:45 | 0.025 | 0.026 | 0.026 | 0.027 | 0.027 |
| 7 | 01/08/2016 | 08:53:45 | 0.026 | 0.026 | 0.027 | 0.027 | 0.027 |
| 8 | 01/08/2016 | 08:58:45 | 0.026 | 0.026 | 0.026 | 0.027 | 0.027 |
| 9 | 01/08/2016 | 09:03:45 | 0.027 | 0.027 | 0.028 | 0.028 | 0.028 |
| 10 | 01/08/2016 | 09:08:45 | 0.030 | 0.030 | 0.031 | 0.031 | 0.031 |
| 11 | 01/08/2016 | 09:13:45 | 0.032 | 0.033 | 0.033 | 0.034 | 0.034 |
| 12 | 01/08/2016 | 09:18:45 | 0.034 | 0.034 | 0.035 | 0.035 | 0.036 |
| 13 | 01/08/2016 | 09:23:45 | 0.034 | 0.035 | 0.035 | 0.036 | 0.036 |
| 14 | 01/08/2016 | 09:28:45 | 0.035 | 0.035 | 0.035 | 0.036 | 0.036 |
| 15 | 01/08/2016 | 09:33:45 | 0.037 | 0.037 | 0.038 | 0.038 | 0.038 |
| 16 | 01/08/2016 | 09:38:45 | 0.037 | 0.037 | 0.038 | 0.038 | 0.039 |
| 17 | 01/08/2016 | 09:43:45 | 0.036 | 0.037 | 0.037 | 0.038 | 0.038 |
| 18 | 01/08/2016 | 09:48:45 | 0.035 | 0.036 | 0.036 | 0.036 | 0.036 |
| 19 | 01/08/2016 | 09:53:45 | 0.036 | 0.036 | 0.036 | 0.037 | 0.037 |
| 20 | 01/08/2016 | 09:58:45 | 0.035 | 0.036 | 0.036 | 0.036 | 0.036 |
| 21 | 01/08/2016 | 10:03:45 | 0.035 | 0.036 | 0.036 | 0.037 | 0.037 |
| 22 | 01/08/2016 | 10:08:45 | 0.038 | 0.038 | 0.039 | 0.040 | 0.040 |
| 23 | 01/08/2016 | 10:13:45 | 0.044 | 0.045 | 0.046 | 0.047 | 0.048 |
| 24 | 01/08/2016 | 10:18:45 | 0.039 | 0.040 | 0.040 | 0.041 | 0.041 |
| 25 | 01/08/2016 | 10:23:45 | 0.037 | 0.038 | 0.038 | 0.038 | 0.038 |
| 26 | 01/08/2016 | 10:28:45 | 0.037 | 0.038 | 0.038 | 0.039 | 0.039 |
| 27 | 01/08/2016 | 10:33:45 | 0.037 | 0.038 | 0.038 | 0.039 | 0.039 |
| 28 | 01/08/2016 | 10:38:45 | 0.037 | 0.038 | 0.038 | 0.038 | 0.038 |
| 29 | 01/08/2016 | 10:43:45 | 0.036 | 0.037 | 0.037 | 0.037 | 0.038 |
| 30 | 01/08/2016 | 10:48:45 | 0.036 | 0.037 | 0.037 | 0.038 | 0.038 |
| 31 | 01/08/2016 | 10:53:45 | 0.034 | 0.035 | 0.035 | 0.035 | 0.035 |
| 32 | 01/08/2016 | 10:58:45 | 0.033 | 0.033 | 0.033 | 0.034 | 0.034 |
| 33 | 01/08/2016 | 11:03:45 | 0.033 | 0.034 | 0.034 | 0.034 | 0.034 |
| 34 | 01/08/2016 | 11:08:45 | 0.030 | 0.030 | 0.030 | 0.030 | 0.030 |
| 35 | 01/08/2016 | 11:13:45 | 0.029 | 0.029 | 0.029 | 0.029 | 0.029 |

Test 022

| Inst | rument | Data Properties | | |
|----------------|--------------|------------------|-------------|--|
| Model | DustTrak DRX | Start Date | 01/08/2016 | |
| Instrument S/N | 8533141005 | Start Time | 11:23:19 | |
| | | Stop Date | 01/08/2016 | |
| | | Stop Time | 12:03:19 | |
| | | Total Time | 0:00:40:00 | |
| | | Logging Interval | 300 seconds | |

| | Test Data | | | | | | | |
|---------------|------------|----------|---------------|-----------------|----------------|----------------|-----------------|--|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 | |
| 1 | 01/08/2016 | 11:28:19 | 0.040 | 0.040 | 0.040 | 0.041 | 0.041 | |
| 2 | 01/08/2016 | 11:33:19 | 0.030 | 0.031 | 0.031 | 0.031 | 0.031 | |
| 3 | 01/08/2016 | 11:38:19 | 0.029 | 0.030 | 0.030 | 0.030 | 0.030 | |
| 4 | 01/08/2016 | 11:43:19 | 0.031 | 0.032 | 0.032 | 0.032 | 0.032 | |
| 5 | 01/08/2016 | 11:48:19 | 0.028 | 0.028 | 0.028 | 0.028 | 0.029 | |
| 6 | 01/08/2016 | 11:53:19 | 0.029 | 0.029 | 0.030 | 0.031 | 0.031 | |
| 7 | 01/08/2016 | 11:58:19 | 0.028 | 0.029 | 0.029 | 0.029 | 0.030 | |
| 8 | 01/08/2016 | 12:03:19 | 0.030 | 0.031 | 0.031 | 0.032 | 0.032 | |

Test 023

| Insti | rument | Data Properties | | |
|----------------|--------------|------------------|-------------|--|
| Model | DustTrak DRX | Start Date | 01/08/2016 | |
| Instrument S/N | 8533141005 | Start Time | 12:54:56 | |
| | | Stop Date | 01/08/2016 | |
| | | Stop Time | 14:19:56 | |
| | | Total Time | 0:01:25:00 | |
| | | Logging Interval | 300 seconds | |

| | | | | Test Data | | | |
|---------------|------------|----------|---------------|-----------------|----------------|----------------|-----------------|
| Data Point | Date | Time | PM1 mg/m^3 | PM2.5 mg/m^3 | RESP mg/m^3 | PM10 mg/m^3 | TOTAL mg/m^3 |
| 1 | 01/08/2016 | 12:59:56 | 0.022 | 0.022 | 0.023 | 0.023 | 0.023 |
| 2 | 01/08/2016 | 13:04:56 | 0.022 | 0.023 | 0.023 | 0.023 | 0.023 |
| 3 | 01/08/2016 | 13:09:56 | 0.023 | 0.023 | 0.023 | 0.024 | 0.024 |
| 4 | 01/08/2016 | 13:14:56 | 0.025 | 0.026 | 0.026 | 0.026 | 0.026 |
| 5 | 01/08/2016 | 13:19:56 | 0.025 | 0.025 | 0.025 | 0.026 | 0.026 |
| 6 | 01/08/2016 | 13:24:56 | 0.023 | 0.023 | 0.023 | 0.024 | 0.024 |
| 7 | 01/08/2016 | 13:29:56 | 0.022 | 0.022 | 0.022 | 0.022 | 0.023 |
| 8 | 01/08/2016 | 13:34:56 | 0.020 | 0.021 | 0.021 | 0.021 | 0.022 |
| 9 | 01/08/2016 | 13:39:56 | 0.020 | 0.020 | 0.021 | 0.021 | 0.021 |
| 10 | 01/08/2016 | 13:44:56 | 0.019 | 0.019 | 0.019 | 0.020 | 0.020 |
| 11 | 01/08/2016 | 13:49:56 | 0.015 | 0.015 | 0.015 | 0.015 | 0.015 |
| 12 | 01/08/2016 | 13:54:56 | 0.018 | 0.018 | 0.018 | 0.019 | 0.019 |
| 13 | 01/08/2016 | 13:59:56 | 0.017 | 0.018 | 0.018 | 0.018 | 0.018 |
| 14 | 01/08/2016 | 14:04:56 | 0.018 | 0.019 | 0.019 | 0.019 | 0.019 |
| 15 | 01/08/2016 | 14:09:56 | 0.020 | 0.020 | 0.020 | 0.021 | 0.021 |
| 16 | 01/08/2016 | 14:14:56 | 0.019 | 0.019 | 0.019 | 0.020 | 0.020 |
| 17 | 01/08/2016 | 14:19:56 | 0.019 | 0.019 | 0.019 | 0.020 | 0.020 |